

**Variable-speed drive systems for industrial plants**

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Variable-speed drive systems for industrial plants have various output capacities ranging from several kVA to ten odd MVA and have to meet various requirements for control methods, speed matching performance, and speed/torque control precision. This paper outlines the line-up of Fuji Electric's variable drive systems. IGBT (insulated gate bipolar transistor) inverters, thyristor Leonard systems, the connection of variable-speed drive systems and programmable controllers, and their maintenance/monitoring systems.  
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